

# Erin Pias Hines

## Education

- B.S., Rhodes College, Memphis, TN; Biology, 1996.
- Ph.D., Louisiana State University Health Science Center, Shreveport, LA; Physiology, 2002.

## Professional Experience

- 2004-Present: NHEERL Postdoctoral Fellow, EPA.

## Awards and Honors

- EPA Silver Level Achievement Award, 2006.
- EPA Gold Level Achievement Award, 2006.

## Professional Societies

- American Physiological Society
- The American Society for Molecular Biology and Biochemistry
- The Oxygen Society
- North Carolina Society of Toxicology
- The Society of Toxicology

## Invited Lectures/Symposia

- Endocrine Society Annual Meeting, Boston MA. Measurement of phthalate levels in human milk in the US EPA MAMA study. 2006.
- Society of Toxicology Annual Meeting, Effects of atrazine and an atrazine metabolite mixture on differentiated mammary epithelial cell milk protein production in culture. 2005.

## Selected Publications

Pias Hines EK, Raynor JL, Barbee RR, Moreland RA, Valcour A, Schmid JE, Fenton SE. 2007. Assays for endogenous components of human milk: Comparison of fresh and frozen samples and corresponding analytes in serum. J Hum Lact. 23:144-56. [Abstract](#)

Pias Hines EK, Hilario-Vargas J, Li N, Diaz LA. 2004. Humoral autoimmunity in pemphigus. Autoimmunity. 37:283-6. [Abstract](#)

Pias Hines EK, Ekshyyan OY, Rhoads CA, Fuseler J, Harrison L, Aw TY. 2003. Differential effects of superoxide dismutase isoform expression on hydroperoxide-induced apoptosis in PC-12 cells. J Biol Chem. 278:13294-301. [Abstract](#)

Pias Hines EK, Aw TY. 2002. Apoptosis in mitotic competent undifferentiated cells is induced by cellular redox imbalance independent of reactive oxygen species production. FASEB J. 16:781-790. [Abstract](#)

Pias Hines EK, Aw TY. 2002. Early redox imbalance mediates hydroperoxide-induced apoptosis in mitotic competent undifferentiated PC-12 cells. Cell Death Differ. 9:1007-16. [Abstract](#)